

Application No.: 10/087,127

2

Docket No.: 488422000600

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listing of claims in the application:

Claim 1 (Previously presented): A stent delivery assembly comprising:

an elongate wire having a proximal end, a distal end, and a length therebetween;

a radially expandable stent positioned coaxially on the wire towards the distal end; and

a tubular sheath member covering at least a portion of the wire wherein the sheath is retractable from a first position where the stent is covered by the sheath to a second position where the stent is uncovered such that the stent is unhindered during sheath retraction.

Claim 2 (Original): The assembly of claim 1 further comprising a coil disposed at the distal end of the wire.

Claim 3 (Original): The assembly of claim 2 wherein the coil is radio-opaque.

Claims 4-6 (Cancelled)

Claim 7 (Original): The assembly of claim 1 further comprising at least one radio-opaque marker band located on the wire proximally or distally of the stent.

Claim 8 (Original): The assembly of claim 1 wherein the radially expandable stent is comprised of a radio-opaque material.

Claim 9 (Original): The assembly of claim 8 wherein the radio-opaque material comprises platinum.

pa-917065

Application No.: 10/087,127

3

Docket No.: 488422000600

Claim 10 (Original): The assembly of claim 1 wherein the radially expandable stent is comprised of a shape memory alloy.

Claim 11 (Original): The assembly of claim 10 wherein the shape memory alloy comprises Nitinol.

Claim 12 (Original): The assembly of claim 1 wherein the sheath further comprises a flush port located near a proximal end of the sheath, wherein the flush port is in fluid communication with a distal end of the sheath.

Claims 13-32 (Cancelled)

pa-917065